BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: ***Modified Estimate for Providing and fixing Street Sign boards in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.***

Job Code: 011-20-000012

Estimated Cost	***Rs. 40.00 Lakhs***
Modified Cost	***Rs.30.11 Lakhs***

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Modified Est Cost Rs. **3011998.00**

ame of Work: Modified Estimate for Providing and fixing Street Sign boards in Ward No. 11 Kuvempunagara), Vidyaranyapura Sub Division.

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**	Cum							
	Street Sign Boards		1063	0.60	0.60	0.60	229.61		
							229.61	116.30	**26703.00**
	Basic Rate	130.00							
	Area Weightage @ 6%	7.80							
	Total	**137.80**							
2	KSRRB M800-4. **Direction and Place Identification Signs with size more than 0.9 sqm Size Board:**-Manufacturing, supply and installation of retro- reflectorised cautionary, mandatory and informatory signboards made out of cube corner micro prismatic grade sheeting confirming to type XI standards of IRC :67:2012 specifications & fixed over 4 mm thick aluminium composite panel sheet having minimun 0.30 thick aluminium skin on both sides & fixed over a support frame of 25x25x3 mm MS angle and mounted on 75mm dia OR 75x75x6mm Mild steel angle of total height 2.70m with clear height of not less than 2.10 m from the ground level to the bottom of the sign board & 60 cm below ground level. The sign post should be painted with one coat of red oxide paint and white colour with brands of 30 cm height alternatively firmly fixed to the ground by means of foundation with M20 grade cement concrete of 45 cm x45 cm x 60 cm including cost & conveyance of all materials, equipment, machinery & labour with all leads and lifts, loading charges necessary for satisfactory completion of the work as directed by engineer in charge. 10 years warranty for retro reflective sheeting from the original sheeting manufacturer as per clause 6.9 in IRC 2012 & a certified copy of three years outdoor exposure report from an independent test lab for the product offered shall be obtained from the supplier. **Page No. 180 / Item No. 24.4, PWD SR 2018-19**	Sqm							
			1063	0.60	0.60		**382.68**	6378.78	**2441032.00**
	Basic Rate	7130.00							
	Area Weightage @ 6%	427.80							
	Total	**7557.80**							
	KSRRB M800-7. Painting:-Providing and applying two coats of ready mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications. MORTH Specification No. 803 - **Painting on Steel Surface Page No. 181 / Item No. 24.8.1, PWD SR 2018-19**	Sqm							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Pole								
	Board Front and Back Side		1063	3.00		0.20	637.80		
			1063x2	0.60		0.45	574.02		
			1063x2	0.60		0.15	191.34		
							1403.16	64.41	**90378.00**
	Basic Rate	72.00							
	Area Weightage @ 6%	4.32							
	Total	**76.32**							
4	KSRRBM800-9. Painting New Letter and Figures of any Shade with synthetic enamel paint black or any other approved colour to give an even shade complete as per specifications. ("i) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) " MORTH Specification No. 803 **Page No. 181 / Item No. 24.9, PWD SR 2018-19**	cm							
	Board Letters		15	0.10			1.50		
			20	0.125			2.50		
			25	0.10			2.50		
			30	0.10			3.00		
			25	0.10			2.50		
	For One Board						**12.00**	**Cms**	
	For 500 Boards		1063	12.00					
							12756	0.89	**11353.00**
	Basic Rate	1.00							
	Area Weightage @ 6%	0.06							
	Total	**1.06**							
	EIRL								
1	Supply and fixing of **Retro Reflective Single Arrow Road Name Signboard of size 1600 mm x 900 mm made** out of retro reflective sheeting conforming to Type XI standrads of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of dlue colour and white letters and fixed over 4 mm thick aluminium composite materials sheet having minimum 0.5 mm thick aluminium skin on both sides with back side painted grey colour and fixed over back supportframe SS angle of 15 mm x 20 mm x 1.2 mm supported by 38 mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground means of properly designed foundation of size 450 mm x 450 mm x 600 mm in 1:1.5:3 ratio cement concrete the background shall be blue in color with letters and boarder in white the item includes earthwork excavation cost of all materials, loading, unloading, lead, lift, transportation etc complete as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for ading charges necessary for satisfactory completion of the work as directed by engineer in charge. 10 years warranty for retro reflective sheeting from the original sheeting manufacturer as per clause 6.9 in IRC 2012 & a certified copy of three years outdoor exposure report from an independent test lab for the product offered shall be ob**tained from the supplier. Page No. 180 / It**	Sqm							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			31	1.20		1.00	37.20		
	Basic Rate	13297.00					**37.20**	11896.03	**442532.00**
	Area Weightage @ 6%	797.82							
	Total	**14094.82**							
	Tender Premium @ -15.60%	**-2198.79**							
		11896.03							
	Total								**3011998.00**

Rupees Thirty Lakh(s) Eleven Thousand Nine Hundred Ninety Eight Only

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2018-19 +/- Tender Premium.
3 This work included under 2018-19 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction
Accorded For 3011998/-
Head of A/C 01771
CER NO 11 **Dt:** 07.01.2021

CE (YNK)